

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER North Alger 1-34 SWD
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT NATURAL BUTTES
4. TYPE OF WELL Water Disposal Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR KOCH EXPLORATION COMPANY LLC		7. OPERATOR PHONE 303 325-2562
8. ADDRESS OF OPERATOR 950 17th Street, Suite 1900, Denver, CO, 80202		9. OPERATOR E-MAIL howard4d@kochind.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU003405	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	
19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	953 FNL 665 FEL	NENE	34	10.0 S	19.0 E	S
Top of Uppermost Producing Zone	953 FNL 665 FEL	SESE	34	10.0 S	19.0 E	S
At Total Depth	953 FNL 665 FEL	NENE	34	10.0 S	19.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 4382	23. NUMBER OF ACRES IN DRILLING UNIT 1600
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 129	26. PROPOSED DEPTH MD: 5000 TVD: 5000
27. ELEVATION - GROUND LEVEL 5295	28. BOND NUMBER 82203357	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2231, 43-8496, 49-1645


Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	20	0 - 40	36.0	Unknown	0.0	No Used	0	0.0	0.0
							No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 2500	36.0	J-55 LT&C	11.0	Type V	250	2.81	11.5
							Class G	473	1.15	15.8
Prod	8.75	7	0 - 5000	29.0	L-80 LT&C	11.5	Poz Light	250	1.79	12.0
							Premium Lite High Strength	260	1.15	15.8

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME J. Darlene Tadlock	TITLE E&P Technician	PHONE 505 334-9111
SIGNATURE	DATE 10/30/2014	EMAIL tadlockd@kochind.com
API NUMBER ASSIGNED 43047548930000	APPROVAL  Permit Manager	

T10S, R19E, S.L.B.&M.

KOCH EXPLORATION COMPANY

1956 Brass Cap, Pile of Stones N89°54'13"W - 2624.27' (Meas.)

1956 Brass Cap, Pile of Stones, 0.8' High, E-W Fenceline

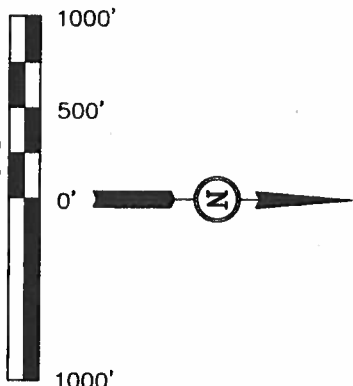
Well location, NORTH ALGER #1-34 SWD, located as shown in the NE 1/4 NE 1/4 of Section 34, T10S, R19E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
STATE OF UTAH
NO. 161318
DATE 02-05-13

REVISED: 02-05-13

UINTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°54'29.62" (39.908228)	
LONGITUDE = 109°45'39.97" (109.761103)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°54'29.75" (39.908264)	
LONGITUDE = 109°45'37.46" (109.760406)	

SCALE 1" = 1000'	DATE SURVEYED: 01-24-13	DATE DRAWN: 01-25-13
PARTY B.H. E.C. S.F.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE KOCH EXPLORATION COMPANY	